

DIES

Thread Cutter

For cutting American Standard taper pipe (NPT) right-hand threads on iron and steel pipe. Consists of die head, handle (diestock) and renewable, receding, segmental, taper pipe dies. Hand-operated tool is designed to provide leverage for turning dies on piece to be threaded. Includes a wooden or metal carrying case. GGG-T-581.

Adjustable model is self-contained and has ratcheting action. Measures 25 to 60" long with a 1 to 2" capacity.

5136-00-555-8912 1 to 2" pipe capacity EA \$600.89

Nonadjustable, segmental drop-head model has ratcheting action. A-A-311.

With six renewable dies: 1/2 - 14, 3/4 - 14, 1 - 11-1/2, 1-1/4 - 11-1/2, 1-1/2 - 11-1/2 and 2 - 11-1/2.

5136-00-826-1125 SE \$489.50

With nine renewable dies: 1/8 - 27, 1/4 - 18, 3/8 - 18, 1/2 - 14, 3/4 - 14, 1 - 11-1/2, 1-1/4 - 11-1/2, 1-1/2 - 11-1/2 and 2 - 11-1/2.

5136-00-081-1739 SE \$669.97

EXTRACTORS

Cotter Pin Extractor



Steel corrosion-resistant finish tool removes cotter pins from automotive and other mechanical equipment. Curved ends with a round, tapered point at one end and a flat, chisel edge measuring 3/8" wide at the other end.

5120-00-222-4284 6 to 10" length EA \$3.63

Screw Extractor

Extractor is designed to remove screws from aircraft panels.

For removing 8/32 to 1/4" screws. 17" open lg; 14" closed lg.

5120-01-398-2869 EA \$257.77

For removing 1/4 to 3/8" screws. 18-3/4" open lg; 15-3/4" closed lg.

5120-01-398-2868 EA \$294.95

CSA's quantity buying reduces costs for you!

Screw Extractor Set (Combination)



Combination extractor set removes broken or embedded screws and bolts from 1/4 to 1/2" in diameter. Set consists of 20 components, including 5 straight-fluted screw extractors with sliding turnout nut, 5 right-hand twist drill bits and 10 solid-type drill guides. Furnished in plastic box.

5120-00-540-1416 SE \$46.16

Combination extractor set is used for removing broken or embedded screws and bolts from 1/4 to 1" diameter. GGG-E-936.

5120-00-305-2275 SE \$337.18

Screw Extractor Set (Spiral Fluted and Tapered)



Drill-style extractors have left-handed spiral flutes or ridges. Tapered. Recommended drill bit size to be used with the extractor is clearly marked on the extractor. Furnished in a box or plastic wrap with compartments and a flap. GGG-E-936.

The set includes six extractors in sizes 1 through 6.

5120-00-357-5853 SE \$7.86

Screw Extractor Set (Spiral Fluted and Taper)

Drill-style extractors have left-handed spiral flutes or ridges. Tapered. Recommended drill bit size to be used with the extractor is clearly marked on the extractor. Furnished in a box or plastic wrap with compartments and a flap. GGG-E-936.

The set includes nine extractors in sizes 1 through 9.

5120-00-610-1888 SE \$23.62

Nut Splitter

Heavy-duty splitter has a C-type body. Splits rusted or frozen nuts up to 3/4" across flats. Cutting chisel rotates 360 deg. inside body to attain best cutting position. Replaceable anvil is secured to screw with friction ring. Pressure screw has a 3/4" hexagonal head for use with an open- or box-end wrench. Includes a detachable bar handle. Note: Do not use with power wrenches. Snap-on Tools P/N NC52, K-D (Easco) P/N 715 or equal.

5110-00-803-6339

EA \$24.15

Stud Remover and Setter

Use remover and setter on threaded and smooth-ended studs. Heat-treated steel tool has a corrosion-resistant coating and comes in a metal box. Size is clearly marked on each collet. GGG-S-775.

Eccentric-grip tool consists of housing, gripping wheel and driving shank and has a 1/4 to 3/4" stud capacity. Housing has properly located stud clearance holes. Steel gripping wheel has grooves to ensure positive grip. Operates in both directions.

5120-00-288-6578

EA \$26.24

TAPS**Tap**

For hand tapping in metal. Performs right-hand thread cutting. Has a square shank, ground threads and straight flutes. A bottoming tap has the first 1 to 2 threads chamfered; a plug tap has the first 3 to 5 threads chamfered; and a taper tap has the first 8 to 10 threads chamfered. Made of high-speed, hardened steel. H number thread limits indicate a positive pitch diameter tolerance: the higher the number the greater the tolerance. Thread size shows diameter, threads per inch and series. UNC is Unified Coarse and UNF is Unified Fine. Numbered taps come in sizes 0 - 80 to 12 - 28 and fractional taps come in sizes 1/4 - 20 to 3/4-10. GGG-T-70.

3/4 - 10 UNC. H3 thread limit, four flutes.

5136-00-729-5716

EA \$19.68

5136-00-729-5682

EA \$8.13

Check out our expanded inventory. We're growing to meet your needs!

Pipe thread-cutting tap has a straight square shank, ground threads and straight flutes. High-speed steel. First two to four threads are chamfered. Performs right-hand cutting. Thread size shows diameter, threads per inch and series. NPT is American Standard taper pipe threads.

1/2-14 NPT with 4 flutes.

5136-00-189-7808

3-1/8" length

EA \$11.91

3/4 - 14 NPT with 5 flutes. Used for taper.

5136-00-237-8147

EA \$14.75

Tap and Reamer Wrench

Steel wrench has a straight handle and adjustable jaw for holding and supplying torque to manually rotated taps and reamers. Consists of body, two handles, one fixed jaw and one adjustable jaw. GGG-W-680.

One handle is fixed; the other handle rotates to move the jaw.

Has No. 8 to 1/2" bolt and screw tap capacity and 1 1/64 to 3/8" hand reamer capacity.

5120-00-277-4064

8 to 12" length

EA \$17.92

Tap Extractor Set

Set is for removing broken taps. Each extractor consists of body, sleeve, collar and fingers and has a square-head shank. Set consists of 16 extractors. Contains No. 4, 5, 6, 8, 10, and 12 size extractors. Also included are 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, and 1" extractors. GGG-E-936.

5120-00-082-1811

SE \$198.46

TAP AND DIE SETS

Pipe Threading Set

Six nonadjustable, solid square dies with right-hand cutting and three diestocks are furnished in a case with compartments and a lid. Kit includes one each of 1/8 - 27 NPT, 1/4 - 18 NPT, 3/8 - 18 NPT, 1/2 - 14 NPT, 3/4 - 14 NPT, 1 - 11-1/2 NPT.

5180-00-313-3042

KT \$1035.05

Screw Threading Set

Hand-operated tap and die set with right-hand cut consists of thread-cutting taps and dies, diestock (handle), tap and reamer wrench and accessories. Furnished in a metal or wooden case with compartments for separate storage of each item so that components do not contact each other and damage cutting edges. GGG-T-330.

Set contains 23 components: one round split die and one plug tap for each size, as well as a 1-1/2" and a 2-1/2"-diameter diestock and a tap and reamer wrench. Tap sizes are from 1/4 - 20 to 1 - 8 UNC. Made of high-speed steel. With ground threads.

5180-00-448-2362

KT \$366.42

Set contains 39 components: solid, round, 1" diameter dies and plug taps in sizes 4-40 UNC, 6-32 UNC, 10-24 UNC, 10-32 UNF, 12-24 UNC, 1/4-20 UNC, 1/4-28 UNF, 0.213-18 UNC, 0.312-18 UNF, 0.375-16 UNC, 0.375-16 UNF, 0.375-24 UNF, 0.438-14 UNC, 0.438-20 UNF, 1/2-20 UNF, 1/2-13 UNC and 0.125-27 NPT; adjustable diestock; adjustable tap and reamer wrench for No. 8 to 1/2" taps (8 to 12" long overall); sliding T-handle tap wrench with adjustable chuck for No. 4-12 size taps (2-3/8" long with 3-1/4" handle); screw pitch gauge for measuring US form and sharp V-thread sizes from 8 to 44 threads per inch; and a screwdriver for setscrew in diestock. Setscrew in diestock locks dies in position. Distock accommodates 1" round dies and is 9 to 12" long overall. Made of high speed steel. With ground threads.

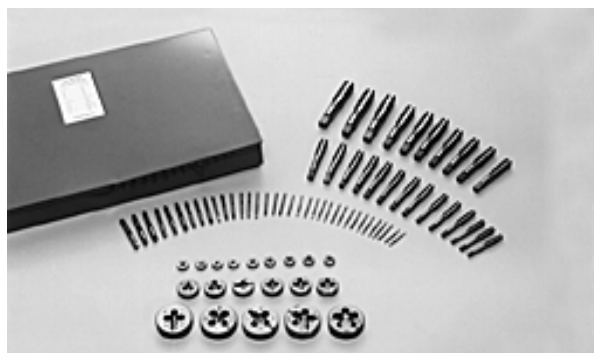
5180-00-856-3471

KT \$89.00

Screw Threading set

5180-00-422-4975

KT \$460.37



Set is used for cutting screw threads in iron or steel plates or rods. Set has right-hand threads and is made of high-speed steel.

Set consists of one taper tap, one plug tap, one bottoming tap and one round split die for each of the following coarse thread (UNC) series in sizes: 1 through 6, 8, 10, 12, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8 and 1". Pitch diameter limits are: H1 for thread series No. 1 and 2, H2 for No. 3 through 10, H3 for No. 12 through 3/4" and H4 for 7/8 and 1". Also included in the set is one tap and die in Unified Special (UNS) thread size 11/16-11. Set is furnished in a metal or wooden compartmentalized case.

5136-00-357-7494

SE \$660.82

Cuts both internal and external screw threads. Set consists of one taper tap, one plug tap and one bottoming tap, as well as one round split die for each of the following fine thread (UNF) sizes: 0 through 6, 8, 10 and 12 and 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8 and 1". Also included in the set is one taper tap, one plug tap, one bottoming tap and one round split die with an outside diameter of 2-1/2" for the following special thread (UNS) series in size: 11/16" diameter, 16 threads per inch. Pitch diameter limits are: H1 for thread series No. 0 and 1, H2 for No. 2 through 10, H3 for No. 12 through 3/4" and H4 for 7/8 and 1". Diestock is not included. Set is furnished in a metal or wooden case.

5136-00-357-7504

SE \$800.26

Tap and Die Set

The tap and die set is used for cutting screw threads in iron or steel plates or rods. Set is made of high-speed steel. UNC is Unified Coarse threads, UNF is Unified Fine threads and UNS is Unified Special threads. GGG-T-330.

Set consists of one plug tap and one round split die in the following nominal sizes: 2mm - 0.45, 2.4mm - 0.45, 3mm - 0.60, 3.5mm - 0.60, 4mm - 0.75, 4.5mm - 0.75, 5mm - 0.90, 6mm - 1.00, 7mm - 1.00, 8mm - 1.25, 9mm - 1.25, 10mm - 1.50, 12mm - 1.75, 14mm - 2.00, 16mm - 2.00, 18mm - 2.50, 20mm - 2.50, 22mm - 2.50 and 24mm - 3.00. Without diestock. Comes with a metal or wooden case.

5136-00-357-7508

SE \$442.03

The tap and die set has four adjustable round dies (2" outside diameter) with thread sizes 20-2.50 to 24-3mm; six hexagonal or double hexagonal dies (5/8" across flats) with thread sizes 3-0.60 to 6-1mm; seven adjustable round dies (1-1/2" outside diameter) with thread sizes 14-1.25 to 18-2.50mm; 11 hexagonal or double hexagonal dies (1" across flats) with thread sizes 7-1 to 12-1.75mm and 1/8"-28 BSP; and 28 fluted plug taps in thread sizes 3-0.60, 4-0.70, 4-0.75 to 24-3mm and 1/8"-28 BSP. Set also includes four diestocks, one each for double hexagonal dies 5/8 and 1" across flats and for round dies 1-1/2 and 2" outside diameter; and four tap wrenches, including one adjustable clamp type with straight handles for tap size 3-0.60 to 12-1.75 and one for tap size 7-1 to 24-3mm, and one T-handled wrench with adjustable four-jaw chuck for tap sizes 3-0.60 to 6-1mm and one for tap size 7-1 to 12-1.75mm. The tap and die set is made of carbon or high-speed steel. A screwdriver and a metric screw pitch gauge is included in set. The set is furnished in a metal, wooden, or plastic compartmentalized case.

5136-01-119-0005

SE \$295.31

Split Die Thread Chasers

Set contains eighteen split die thread chasers in a full range of metric sizes. Sizes are as follows: 5mm-0.80, 6mm-1.00, 8mm-1.25, 9mm-1.25, 10mm-1.25, 10mm-1.50, 11mm-1.50, 12mm-1.25, 12mm-1.50, 12mm-1.75, 14mm-1.25, 14mm-1.50, 16mm-2.00, 20mm-2.50, and 24mm-3.00. The entire set, including extra springs and instructions, is packaged in a solid hardwood case.

5136-01-355-3035

SE \$262.50

Set contains twenty split die thread chasers. Gives mechanics a full range of sizes. Sizes are as follows: 1/4"-20NC, 5/16"-18NC, 3/8"-16NC, 7/16"-14NC, 1/2"-13NC, 9/16"-12NC, 5/8"-11NC, 3/4"-10NC, 7/8"-9NC, 1"-8NC, 1/4"-28NF, 5/16"-24NF, 3/8"-24NF, 7/16"-20NF, 1/2"-20NF, 9/16"-18NF, 5/8"-18NF, 3/4"-16NF, 7/8"-14NF and 1"-12NF. Made of the finest American carbon alloy steel. Tough and durable for years of demanding use. The entire set, including extra springs and instructions, is packaged in a solid hardwood case.

5136-01-321-6790

SE \$349.95

We're in business to serve you. Let us delight you with our phenomenal selection and service.